

BASSETT MAGUIRE

Volume 3⁴

Bassett Maguire
(Celia K. Maguire)

Bassett Maguire

Gmelina Survey

60200-60208
60209-60211
60335-60341

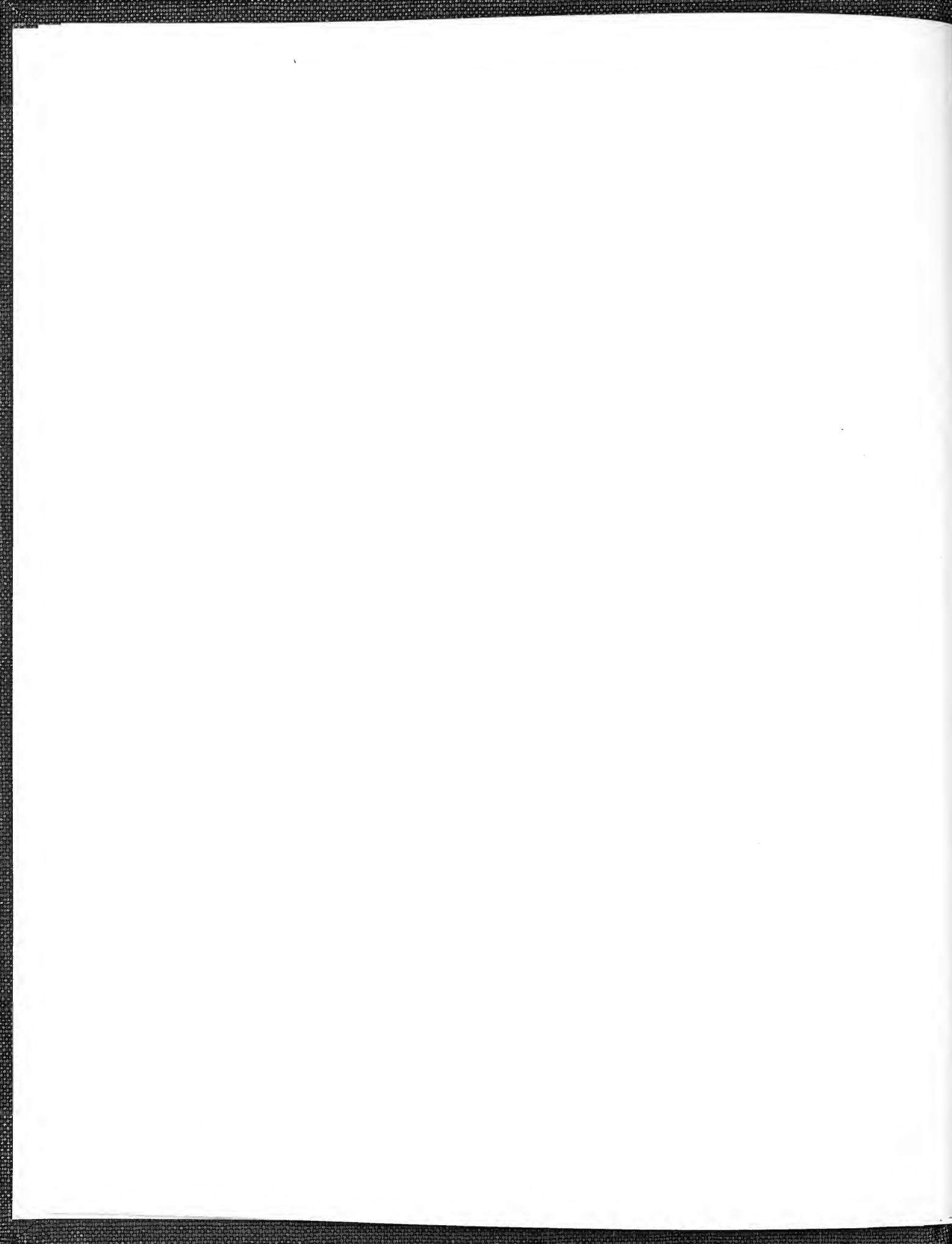
Africa

British Honduras
Panama
British Honduras

April 3-11, 1967

January 4, 1967
January 1967
May 4, 1967

801



V. 34

1

2 Trees N. 1 - N 12 at Pitwood Plantation - Federal
April 3, 1967 In plantation all but 10 trees cut, these still standing.
N. 1 (A) left as seed trees. Plantation now a coffee - not too impure.
Growth remarkably uniform.

Locality Enugu Pitwood Plantation. Federal

Date March 3, 1967

Size 19.5' 40'-10" 65'

Form Good Man who found in coffee

Soil Sandy-clay

Remarks Hardwood at Forest

High pasture

N. 3 (A)

Locality Enugu Pitwood Plantation

Date March 3, 1967

Size Diam 15" 50'-6" 75'

Form Trunk forward to nothing

Soil Sandy-clay Hard pan at 3' - laterite off consolidated.

Remarks Self pruned to narrow crown as are others in plantation

N. 4 (A)

Locality

Enugu

Size 14" x 50'-6" 70'

Soil

Remarks

N. 5 (D)

Locality

Date

Size 16" x 52'-7" 75'

Soil

Remarks

N. 6 (A)

15.7" x 45'-6" 70'

Locality

Date

Size

N. 7 (5) 14" 50-7"- 70'

N. 8 (3) 18" 50-7" 75"

N. 9 (2) 15.8" 25-8"- 72'

N. 10 (7) 16" 45-50-7" 75'

N. 11 (6) 17.6" 50'-1" 80'

4

N.12 (1) 15" 40: 6" 65'

N.2 (8) 21" 35.41-7" 60'

April 4, 1962. Efficient Forest Recovery Planned June-July 1962
Sand draw A ± 1' 03 2"

N.13 7.7" - 60'

N.14 8.8" - 60'

N.15 7.0" 55'

N.16 9.8" 50'

N.17 9.5" 50

N. 18 7" 55'

N. 19 9.2" 60'

N. 20 10.9" 65'

N. 21 8" 55'

N. 22 9.8" 60'

N. 23 13" 45 (border)

N. 24 8.9" 60'

N. 25 12" 60' (border)

N. 26 8.1" 55"

N. 27 9" 40'

N. 28 8.1" 60'

6

N 29 10" 55' down fairly -

N 30 8' 55'

N 31 8.9' 55'

N 32 11.3 55' marginal

H 33. 8.1 60'

H 34 10.8 60'

35 8.12' 55'

36 7.0' 55'

37 8.5" 60'

38 8.1" 60'

39 8.0" 55'

N 40 2.8" 50'

N 41 16" 70' Crown bent back
then right

42 8.8" 60'

N 43 10.4" 60' - Crown passing

44 9.0" 60'

45 7.6' 45'

46 6.2' 45'

47 8.7' 55'

8

N 48

8.8'

60'

49

10.5'

65'

50

7.8'

65'

51

11"

65'

52

7.8'

65'

April 5, 1967

Ikrigon Forest Reserve

N 53

12"

60'

80'

54

18

60'

84'

N 55 13.8" 65' 85'

56 16.8 55 75'

57 15.3 60' 75'

58 14" 60' 75'

59 15" 60' 70'

60 12.6' 60' 70'

61 18" 65' 80'

62 15.2" 60'-6" 80'

10

N 63. 13.6' 65' 65'

64 15.2' 65' 70'

65 16.7' 70' - 6' 81'

66 13.5' 50' - 6' 50'

67 13.5' 50' - 6' 50' from 50'

68 14.2' 45' 65'

69 19" 55' - 6' 80'

70 15.5' 55' - 6' 75'

71 18.4" 65' - 7" 80'

72 13.3 65 - 7" 75'

73 16.3 65 - 7" 75'

74 14.8 65 - 6" 75'

75 14.0 65 - 6" 75'

76 13.7 65 - 6" 70

77 19.9" 50 - 8" 70

78 13.6" 50 - 6" 70

79 18" 50 - 8' 20'

80 15.8" 65' - 6" 20'

81 15.5" 45' - 5" 70'

82 16.5" 53' - 5" 20'

83 12.0" 46' 8" 70'

84 19.1" 56' 4" 60'

85 20.1" 55' 8" 20'

86 21.4" 60' 8" 80'

14

87

16.5

50 - 6

100

88

14.6

40 - 6

65

89

14.2

20 - 4

20

90

14.8

50 - 6

72

91

14.5

60 - 5

70

92

13.3

55 - 6

65

93

13.6

50 - 5

65

94

14.8

60 - 5

75

N. 95 16" 40 - 10' 60'

96 18.2" 45 - 15' 60'

97 19.1" 45 - 10' 55'

98 16" 45 - 8' 30'

99 15.5" 50 - 2' 20'

100 18.7" 40 - 15' 75'

101 19.6" 42 - 1' 75'

102 19.9" 50 - 8' 75'

16

N 103

20'

50-10

15

29.8 x 1.000 0.000 30'

N 104

15.1

55-55

20'

N 105

20.1

60-9"

75'

N 106

19.2

62-6

72'

N 107

13.2

60-6

32'

N 108

13.4

60-5"

35'

N 109

19.2

52-5"

28'

N 110

19.4

50-8"

25'

N 111 17.2" 60.8' -

N 112 16.4" 60.8' -

Mama River Plantation

N. 113 17.7" 45' 7" 65'

114 11.7" 50' 5" 20'

115 22.1" 50' 8" 65' light

116 18" ~ 50' 7" 65'

117 16.8" 45' 7" 65'

18

N 118 19.4 56' - 7"

75'

119 19° 49' 8"

65'

(120) 18° 50' 1"

25'

121 18° 51' 3"

25'

122 18° 50' 7" 25'

123 14.6 50' 4"

25'

124 13.7 50' 6" 25'

125 14.4 46' 3" 20'

126 23° 55' 9" 20'

127 16.8 50' 6" 25'

N. 125	22.5°	40° 12"	66'
129	16.5	50° 6"	65'
130	14.3	50° 5"	20'
131	20.2	45° 10"	18'
132	17.1	45° 8"	20'
133	14.3	40° 6"	25'
134	18.5	50° 5"	20'
135	15.9	45° 6"	65'
136	18.8	40° 7"	20'
137	12.7	50° 5"	

20

N 130° 18.1

40° W

AS

137 12.9

50° E

20'

140 20.0

40° E

25'

141 14.9

25'

142 13.2

50°

20'

143 17.4

40° S

15'

144 13.8

30° S

20'

145 15.5

30° S

20'

146 10.9

50° S

20'

147 12.8

40° S

20'

N 148 16.3" 50 - 7 75'

149 13.1" 55 - 5 70'

150 15.2" 50 - 6 70

151 13.4" 50 - 5 70

152 11.7" 50 - 4 70

153 24.0" 45 - 5 70

154 15.6" 45 - 5 70

155 13" 25 - 5 70

156 12" 25 - 5 70

157 13.6" 50 - 5 70

22

158 14.9"

55 - 5

65

157 16.3"

45 - 7"

65

160 13.6"

50 - 8"

65

161 17.7"

45 - 7"

65

162 30.5

55 - 5 ~~sample weighed 70~~

23

Akaka Plantation Apr. 7, 1961
 Comp. 29B planted 1955 June.

Thinned 1962.

Comp. 29A planted 1953
 Capped 1963

Sandy Clay-loam with laterite
 Max 89.9. Min 38.28

Dry Dec.-Mar.

Rainy Peak July-Sept.

B. rainy all year.

Hgt. 100-300'

29A

N 163	17.1"	45-9"	65'
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164	18.7"	50-8"	65'
-----	-------	-------	-----

165	13.3"	45' 6"	65'
-----	-------	--------	-----

166	13.8"	50' 6"	65'
-----	-------	--------	-----

167	16.2"	40' 10" margin	60
-----	-------	----------------	----

168	15.3"	50' 7"	70'
-----	-------	--------	-----

24

169 20.2" 40 - 10' 65'

170 16.1" 50 - 6' Gunn had 2 65'

171 19.3" 45 - 3" 60'

172 15.9" 45 - 7" 60'

173 13.9" 30 - 6" 70'

174 15.5" 30 - 7" 70'

175 14.6" 40 - 6" 60'

176 13.8" 50 - 7" 65'

177 15.1" 50 - 7" 70'

178 13.6 50 - 7' Not fully
broken down, somewhat angular 65'
This

23

25

N. 179

12.9"

55° 6' margin

65°

apical growth rounded and reduced
after opening.29 B

Stalked and reduced, maximum width about 19.5°

N 180

13.8"

50-5'

60

181

13.2

50-6'

182

13.4

50-6'

183

11.6"

40-6'

55

184

12.6"

50-6'

60

185

11.6

60-5

62

186

12.3"

40-7'

60

187

10.6"

415-6'

60

The block of specimen from project
is composed of fine-grained
material.

26

Dress in this place are very
plain with moderate ornament.

N 188 12.2° 55.5" 65'

189 12.2° 55.5" 65'

190 12.2° 54.5" 65'

191 12.2° 53.5" 65'

192 12.2° 52.5" 65'

193 12.2° - - - 65'

194 - 12.2° - - - 65'

195 12.2° - - - 65'

196 12.2° - - - 65'

197 12.2° - - - 65'

27

198

14.9

40.3"

20

199

13.6

35.6

21

200

13.9

35.5

22

25

O. A. Uman
FOREST OFFICE, BENDOON, BRITISH
BENDOON, April 8, 1967

Long. 75.115' Lat. 50.000'
N. 701 11° 50 - 5

6.6

202 17.2' 40 - 5 6.5'

102 14.4' 50 - 5 6.6

104 11.2' 50 - 5 6.6

203 12.5' 40 - 5 6.5

104 11.9' 40 - 5 6.5

207 13.2' 40 - 5 6.6

206 15.7' 40 - 5 6.5

209 14.3' 50 - 5 6.5

29

210 16.2" 45.8" 65"

211 12.2" 45.6" 65"

212 12.0" 45.9" 65"

213 14.4" 50.5" 65"

214 15.0" 50.5" 65"

215 10.9" 45.5" 60"

216 14.2" 50.6" 65"

217 12.7" 45.6" 65"

218 15.1" 45.6" 65"

219 12.7" 50.5" 65"

36

220

12.2

37 - 38

65

221

12.1"

45 - 3

65

222

16.0

45 - 3

70

223

16.1

38 - 6

65

224

16.6

39 - 10

55

225

12.7"

50 - 5

70

226

12.1"

45 - 1

65

227

13.4

50 - 5

65

228

18.9

50 - 7

70

229

16.7"

58 - 6

70

230

15.3"

55 - 5

75

231

12.3

45 - 5

65

232

16"

40 - 5

70

233

13.3"

234	11.2"	45-5"	65'
235	14.2"	50-5"	65'
236	13.9"	40-6"	65'
237	12.8"	45-5"	60'
238	13.3"	40-6"	65'
239	11.9"	50-5"	65'
240	11.0"	50-5"	65'
241	13.5"	45-6"	65'
242	16.1"	45-6"	65'
243	18.8"	45-5"	65'
244	16.1"	50-5"	65'
245	11.5"	50-5"	65'
246	13.7"	50-5"	65'
247	17.7"	50-6"	65'
248	14.9"	55-6"	65'

	14°	50.5	65
250	14.5	50.5	65
251	14	50.5	65'
252	18.5°	50.5	65'
253	13.5	50.5	65
254	12.5°	50.5	65
255	13.5	50.5	65
256	12.5°	50.5	65
257	13.5	50.5	65
258	-	-	-
259	-	-	-
260	-	-	-
261	-	-	-
262	-	-	-
263	-	-	-

264

65

66

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72

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74

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76

77

78

3 -

H 279

58

41

81

81

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35

N. 294

95

96

97

98

99

N. 300

new batch
 N-301 Okan Group 100% Naphtha 1962 (Continued 2)
 300% 100% naphtha
 8% Hexane - 100% benzene
 2% in diesel oil
 1% Kerosene - 100% benzene
 1% Benzene with some 20% oil

N-301	12.9°	45	-	6.2
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302	12.4°	45 - 3°	-	6.2
-----	-------	---------	---	-----

303	11.6°	45 - 3°	-	6.2
-----	-------	---------	---	-----

304	10.6°	25 - 5°	-	6.2
-----	-------	---------	---	-----

305	11.0°	25 - 5°	-	6.2
-----	-------	---------	---	-----

306	11.8°	45 - 3°	-	6.2
-----	-------	---------	---	-----

307	12.4°	45 - 3°	-	6.2
-----	-------	---------	---	-----

308	10.9°	45 - 5°	-	6.5
-----	-------	---------	---	-----

309	9.3°	25 - 5°	-	6.5
-----	------	---------	---	-----

310	10.7°	25 - 5°	-	6.5
-----	-------	---------	---	-----

311	9.9°	45 - 4°	-	6.5
-----	------	---------	---	-----

312	12.3'	40-6	60°
313	11.6"	40-6	60°
314	11.4"	40-5	60°
315	12.1"	45-6	60°
316	10.2'	45-5	60°
317	11.1'	40-5	60°
318	9.2'	40-5	60°
319	12.2'	40-6	60°
320	10.6	40-5	60°
321	11.2'	40-5	60°
322	13.3	40-6	60°
323	11.9'	40-6	60°
324	12.2'	40-4	60°
325	8.3	40-5	60°

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46

198-2
Q

50

all measurements of the animals are full and
the measurements are full and

1934 Florida Panama 30° 41'

1. 15.5' 55' - 12" 70'

2. 12.0' 55' - 8"

3. 17.5' 68' - 11"

4. 11.0' 68' - 16"

5. 18.0' 45' - 94"

6. 16.0' 68' - 11" 65

7. 15.0' 17' - 8" 65 }

8. 19.0' 35' - 12" 65

9. 16.0' 20' - 17" 65

10. 19.0' 25' - 16" 65

11. 17.0' 45' - 12" 65

12. 15.5' 45' - 12" 65

13. 16.5' 35' - 15" 65

14. 15.0' 45' - 12" 65

15. 15.5' 45' - 12" 50

Wenatchee

1st f. 9/18
+ 5 miles from town
Toddy 1/2 mile
Howell's Ranch - 6 miles from town

51

B. 16	20.0	45' - 10"	60
17	15.0	12"	65"
18	12.5	23' - 4"	50'
19	20.0	45' - 10"	50'
20	17.5	20' - 8"	65"
21	18.0	40' - 10"	50"
22	20.0	45' - 10"	50"
23	20.0	45' - 10"	65"
24	16.5	25' - 8"	50"
25	16.5	25' - 8"	60'
26	18.0	45' - 10"	50"
27	16.0	25' - 8"	50"
28	16.5	25' - 8"	50"
29	17.5	20' - 10"	50"
30	17.0	45' - 10"	50"

52

31	19.5	45°	65'	55'
32	8.0	70°		55'
33	21.5	-10°		60'
34	17.0	40°	15	60'
35	3.0	40°	15	60'
36	10.0	40°	15	60'
37	14.5	35°	45'	60'
38	11.0	40°	15	65'
39	5.0	45°	15	55'
40	21.5	20°	45'	85'
41	7.0	40°	25	60'
42	10.5	35°	45	55'
43	10.5	35°	45	60'
44	19.5	45°	15	55'
45	12.5	45°	15	60'
46	15.0	40	6.0	60'
47	13.0	45	8.0	70'
48	18.0	40	10.0	60'

49	12.0	35 - 6.0	50'
50	12.5	40 - 8.0	20'
51	2.5	40 - 12	5.5'
52	25	35 - 10	60
53	16.5	35 - 6	60
54	19.5	35 - 3	6.5'
55	17.5	35 - 2	20'
56	16.5	35 - 15	60
57	12.1	35 - 12	6.5'
58	14	35 - 10	60
59	18	35 - 8	60
60	17.5	35 - 8	6.5'
61	16.5	35 - 8	5.5'
62	22.0	35 - 10	6.5
63	14.5	35 - 12	5.5'
64	12.5	35 - 10	60
65	17.5	35 - 10	60
66	20.0	40 - 12	6.0'

107	15	$45 - 8$	62
68	20	$45 - 10$	62
69	16	10	62
80	25	$45 - 12$	82
71	10	33	62
73	12	33	62
45	10	$45 - 12$	62
7	17	$45 - 12$	62
72	28	$45 - 10$	62
58	25	$45 - 8$	62
57	10	$45 - 10$	62
70	19	45	62
71	26	$45 - 12$	62
72	10	$45 - 10$	62
73	19	45	62
74	26	$45 - 12$	62
75	10	$45 - 10$	62

Total of Cases

absolutely flower & fruiting season
gather paper - May - June

Total - 56 trees
 ~ 6 feet - diameter 55
 1962 - June - July - 8' radius
 94 acres

81	10.0"	40-6'	
82	12.5	45-5	60'
83	16.5	38-7"	60'
84	14.0	40-5	60'
85	10.5	35-5	60'
86	10.0"	40-5	50'
87	8.0"	40-4	60'
88	9.5	40-4	60'
89	12"	40-6"	60'
90	10.5	40-5	60'
91	9.5	40-5	60'
92	11.2	40-6	60'
93	13.0	40-5	60'
94	7.2	40-5	60'

56

pp. 95 11.0

33° - 3"

55

96 11.3

30° - 3'

50

97 11.6

33° - 3"

50

98 11.6

30° - 3"

52

99 11.0

30° - 3"

50

100 11.0

33° - 3"

50

101 11.5

30° - 3"

50

102 11.5

30° - 3"

50

103 11.5

30° - 3"

50

104 11.5

30° - 3"

50

105 11.0

30° - 3"

50

106 11.0

30° - 3"

50

107 11.5

30° - 3"

50

108 11.0

30° - 3"

50

109 11.0

30° - 3"

50

110	11.0	35.3	55
112	11.2	40.3	56
113	11.2	40.5	57
114	10.5	40.2	55
115	10.0	40.3	55
116	11.0	45.3	56
117	10.0	40.3	55
118	10.0	45.2	55
119	11.0	40.3	55
120	10.0	40.2	55
121	12.0	45.6	56
122	10.5	45.6	55
123	9.5	35.5	50
124	10.0	40.0	55
125	10.0	40.0	55

58

BB 166 16.2

BB 2

58

Jaba
\$11.21
to man-day

Seed mixture for Soddy soil - quantity from
from 59

→ 44 acres - Gullion Ranch - 1962 June-July wolf fence
38 acres

131 131 8.0 40-4 50

132 8.0 30-4 40

133 7.5 30-4 40

134 8.0 40-4 50

135 8.0 30-3 40

136 9.0 40-4 50

137 10.0 30-3 40

138 10.0 30-3 40

139 9.0 30-3 40

140 11.0 40-5 50

60

St. Louis & San Fran 1866 - June 1866 - age
59 acres.

20	100	7.2	100	100
10	100	6.0	100	100
10	8.0	35.0	100	100
10	6.0	72.0	100	100
10	6.0	41.0	100	100
10	6.0	35.0	100	100
10	7.0	10.0	100	100
10	7.0	10.0	100	100
10	5.0	20.0	100	100
10	6.0	10.0	100	100

Gmelina Seed Program
Seed Collection Areas
552 Selected Trees

Visited April, 1967

Apr. 5 1. Ikorod Forest Reserve

N 53 - N 112

Apr. 6 2. Efium Forest Reserve Planted Jan.-July, 1962.

N 12 - N 52 (200 trees)

Apr. 7 3. Odo Forest Reserve

N 31 - N 300 (100 Trees, 43 to 60 cm dbh)

Apr. 8 4. Idem, Forest Reserve Planting 1962 - 21 years old.

N 113 - N 162 (50 selected trees)

Apr. 7 5. Akpaka Forest Reserve

N 163 - N 179. Comp. 292 (175 selected)

Planted 1963, selected 1963.

N 185 - 285 Comp. 292 (21 selected trees) Planted 1965

Tallied 1962

Apr. 8 6. Pitwood plantation

N 11 - N 12. (12 Trees all positive to 80% ranged)

Apr. 11 7. Bon Goupe Forest Reserve (Ansi) 5 years old.

N 301 - N 350 (30 selected Trees) Planted May-June, 1962

(Fruit generally parasitized. Probably should not be used.)

8. Enugu 50-year old plantings. Main seed for phase B seed collection

copy to

Mr. [unclear]

99

Non-monetary

Mr. Kuan, P

To: Mr. A
Mr. Leo

From: B. S.

Subject: Financial Programs

100

125

th

British Honduras

- 60200 Rynchospora Wet in plantation of
Toledo, B.H. at 100-200 m alt. Jan 4
- 60201 Augustine, Cayo District, B.H.
Cussia aff. *C. ferria*. Tree to 15m high, latex clear,
below Rest House, Augustine Forest
- 60202 Hypericum tenuifolia - firmae. Shrub to 2m high, fl
forests, on Melchor Creek, Mountain Pine Ridge
- 60203 *Cussia monosperma* ♀ Tree to 8m, latex cream - white
ovary 5-celled, style as 5.
204. *Cussia monosperma* ♂ Data as above.
60205. Tristicha trifolia ^{SB} Horn-like plant growing densely
floating water, Guacamollo Bridge
- 60206 Small tree on limestone, latex clearish
petals & cream colored, thickly covered,
Chiquibul Forest 2-5 km S of Guacamollo
60207. *Cussia* ♀ data as above, fruit 4-5-celled.
- 60208 *Cussia* ♂ data as for 60206.
(This tree bore a single fruit!)
-
- 60209 Chiriquí - Corcovado, Panama Jan. 1967.
Cussia aff. *C. rosea*. Beautiful large crown, tree to 18
in fruit only, Citrus at 400m

Jan 5, 1967

Penis caribea, Machaca Forest Station ^{seed}
1967

Pyrchosia ciliolata Muell

Jan 5, 1967

moderate, frequent on slopes
stations at 500m alt. Cyto material C.
whitish, terminal, yellow; Oak-Pine
500m alt. Cyto - seed C.

Hippocratea James
Spurce (?)

moderate, data as above,

F.

Cyto

F.

on submerged rocks in swiftly
flowing water, moderate,
East Branch, Belize River at 400m. A.

som becoming milky, moderate,
bulge @ 500m alt. Cyto F

Clusia lundellii Stanley
?: *C. chrysiana* Lundell

F

" "

" "

" "

" "

Cyto F

W. high, latex yellow
st., Chiriqui, Panama Seed C.
Jan. 8, 1967

132

Cerro, Chiriquí, Panamá @ 4000 m. elev'

60210 *Clusia minor* L. sens lat.Bushy tree to 6
yellowish, petals
data as above,
7-8-celled, stigma

211

Clusia minor L. sens lat.

Jan 8, 1969

2-843

in high, pale clear, oxidizing
soil, pinkish-white.

fruit oblong-elliptical
7-8. seed

c.

c.

163

135

May 26, 1967. Augustin. British West Indies. England

- ⑥ 60335 *Clavia* sp. ♀ Tree 10 m high, Malagon River. Dagua
 ⑥ 60336 *Clavia* sp. Tree to 15 m high, Malagon River. Dagua
 affinis? Difficult to identify; common
 fruit somewhat pale streaked

May 5, 1967. Augustin. British West Indies. Puerto

rico

- ⑥ 60337 ~~Clavia~~ ^{5-15'} ~~Malagon~~ Tree 10 m high. Early in tree
~~Malagon~~ later. fruit red to orange. Wood
- ⑥ 60338 *Clavia* sp. dubius

- 60339 *Clavia* flava? ♀ Tree to 15 m high. Sales
 chipmunk house. Augustin

- 60340 *Clavia* flava? ♂

- 60341 Polypos. ~~Augustin~~ Melinda

Pitcairn Islands.

Point Campion.

El. 2000 m. a.s.l.

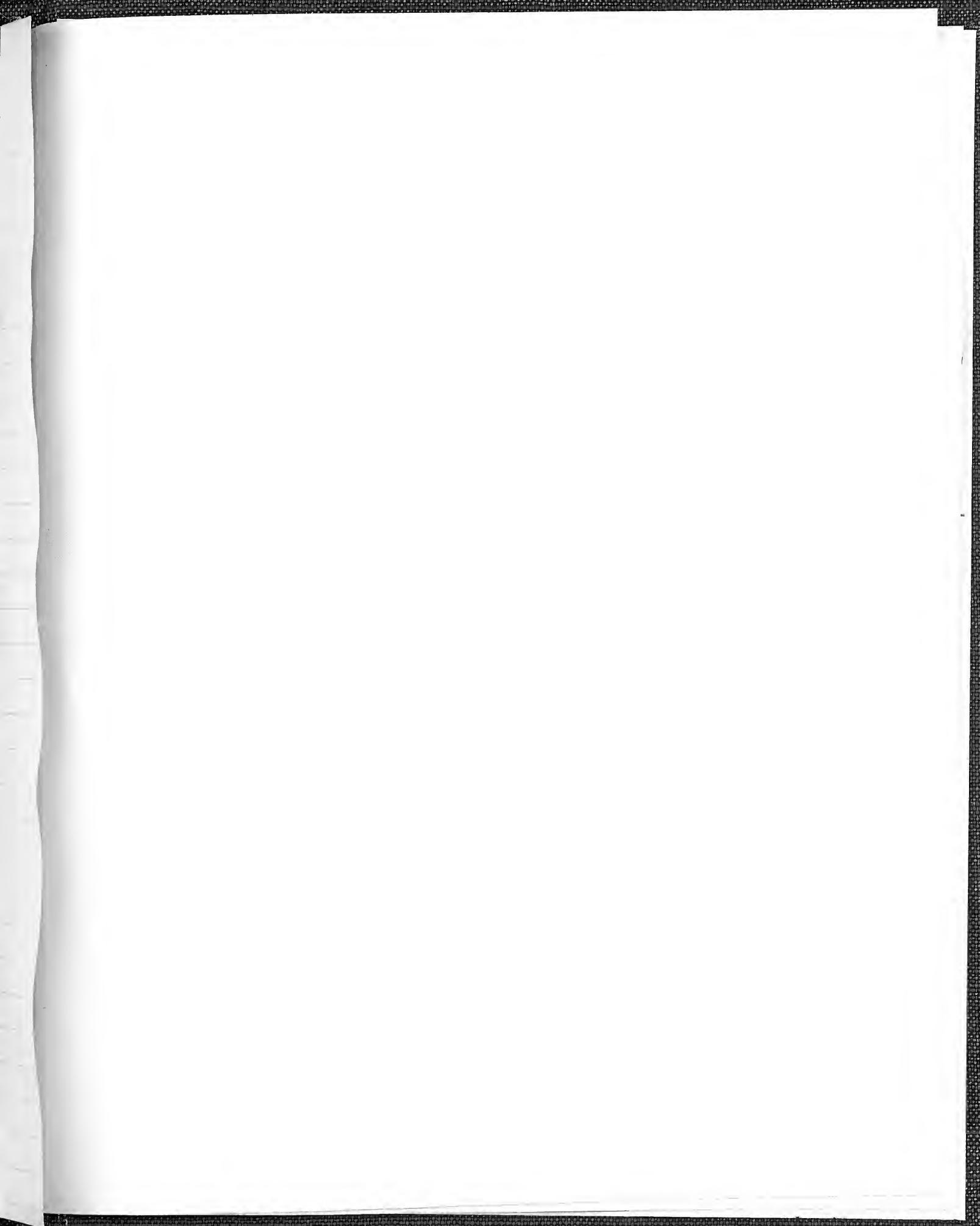
Magellan, 3 mi. from Agustine Point (the original
site, under construction), in San-Cristobal, approximately

still look on just like last year, few
Augustines & 1800' old
ice and foreground like this year, though with moderate snow
nowhere, O.

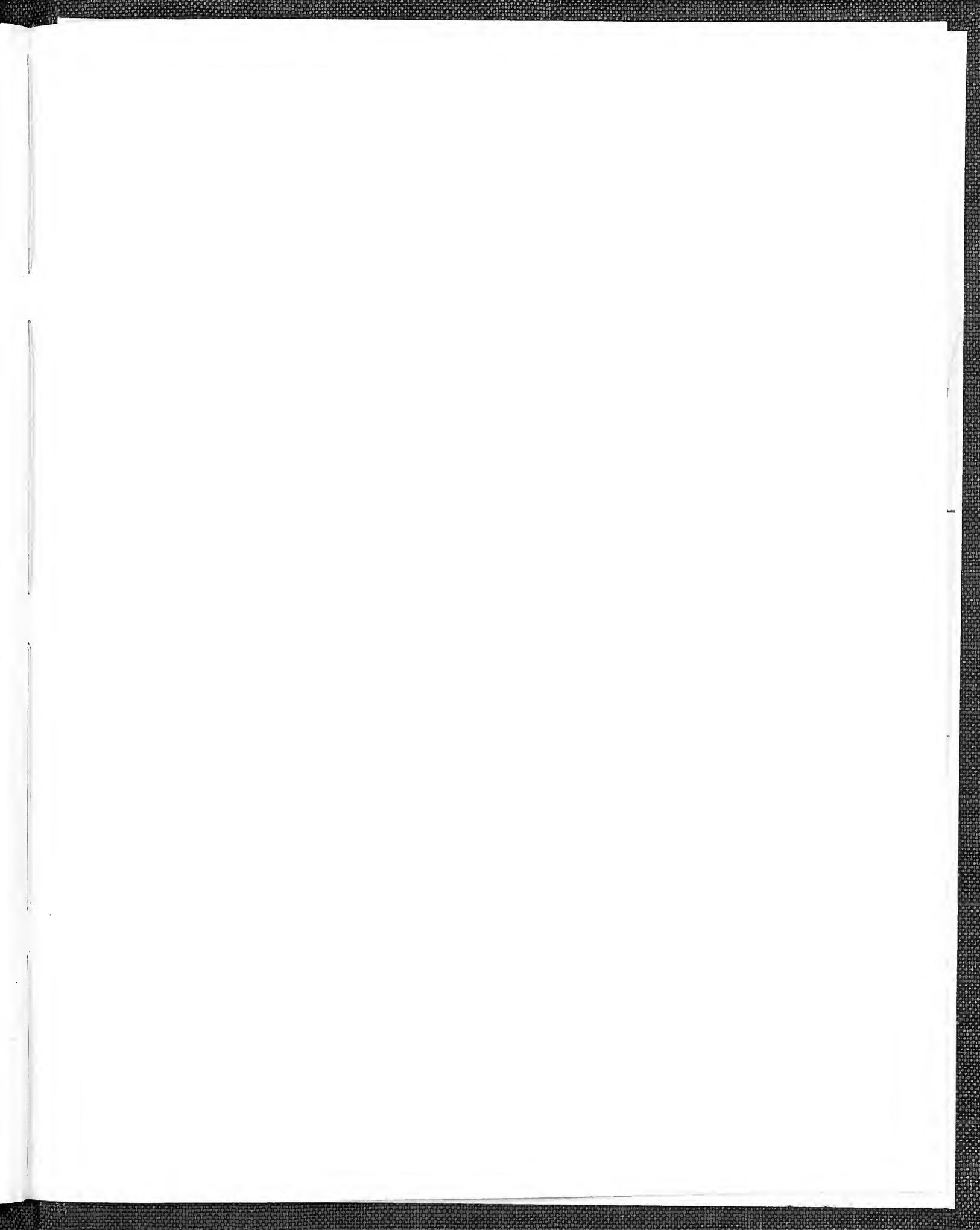
probably a good place for January visit. On hill below
Point Campion.

May 9, 1969

138









Tentative Touring Programme

Epe pitwood plantations

3/4/67 - afternoon 2-4.50pm

Effi reserve

4/4/67 - 9am

Ikngiong reserve

5/4/67 - 8am. ^{lunch} 5

Mamu =

6/4/67 9am }

Akpaka =

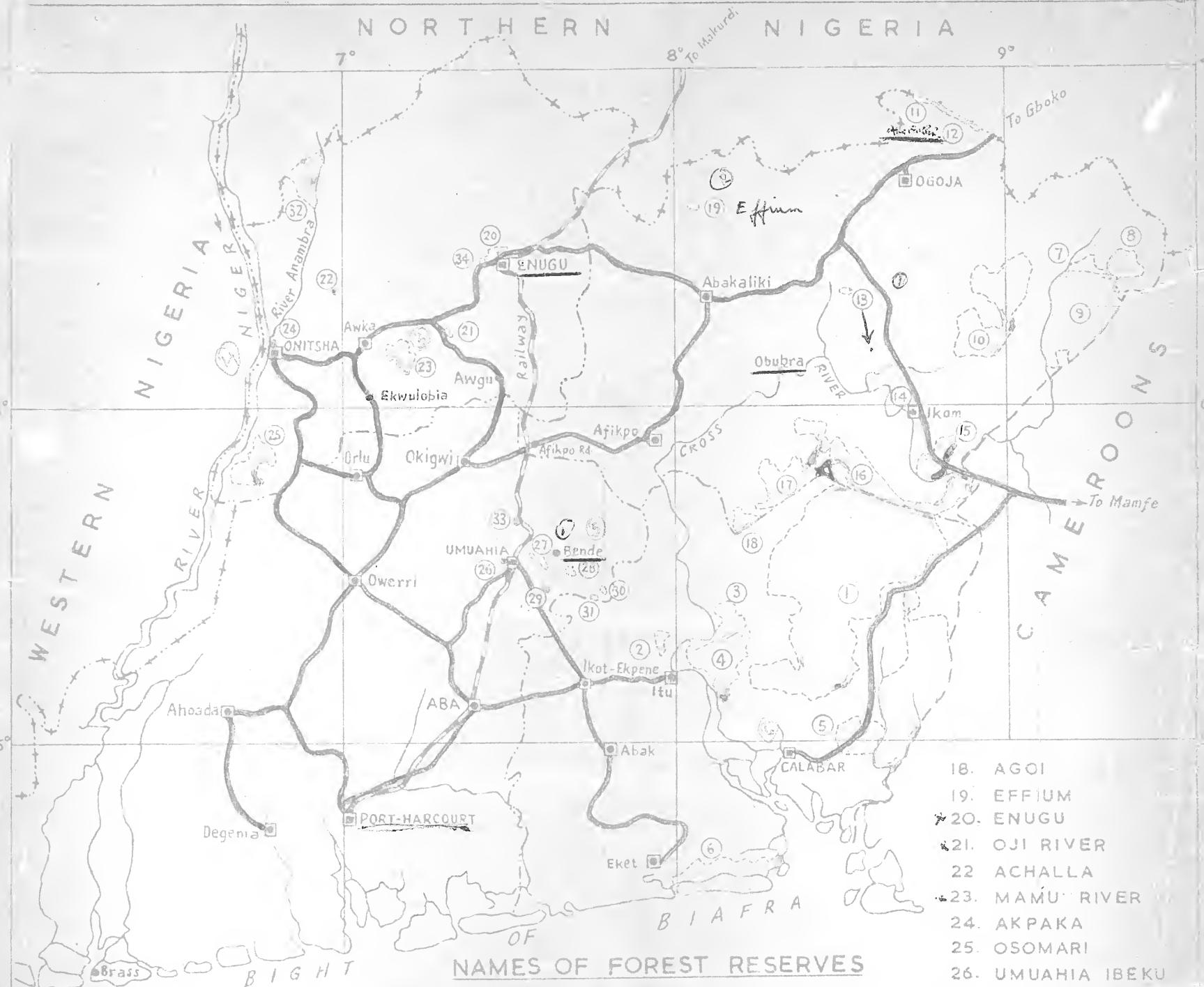
7/4/67 8am }

Bende =

8/4/67 7am

Awi (Oban reserve)

10th-11th April 1967.



EASTERN NIGERIA SHEWING FOREST RESERVES

SCALE: 1:1,750,000 OR 1 INCH TO 27.62 MILES
MILES 0 20 40 60

Prepared by A. G. Efobi, F.I.D.M.A.
ENUGU. 16.3.62

Ramón M. Dominguez.

COMPARTMENT 29B: AGE : 1955 Plantation

DATA From Enumeration carried out in September, 1962.

Average Stem Density per acre	=	491 (6" and Over)
" Basal Area "	=	114 Sq.ft.
" Volume O.B. "	=	2940 cub. ft.
" Volume J.B. "	=	2656 " "
Bark Volume %		14%
Form Factor	=	.52

DATA from Thinning Carried out in October, 1962

Total No. of Thinnings per acre	=	298
Mean Tree GBH - 14"; Timber ht.	=	28'
Basal area thinned per acre	=	38 Sq. ft.
Volume O.B. per acre		680 cub. ft.
Volume J.F. " "	=	606 " "
Average Girth of 10 largest tree per acre	40"	in 1960
" " " 10 " " " "	45"	in 1962
Mean Tree Girth		20" " 1960
" " "		22" " 1962

Volume of crop in 1960 = 2825 cub. ft. (approx. 39 cords)

P.O. Enemuch
PROVINCIAL FOREST OFFICER.

GMELINA PLUS TREES
UKPOM BENUE FOREST RESERVE

Tree Number	Compartment	Location
Plus Tree No. 1	9	Along the Res. Boundary
" do "	7	" do "
" 3	13	Along Motor Road.
" 4	13	" do "
" 8	13	"
" 9	13	"
" 10	13	"
" 11	13	"
" 12	13	"
" 13	13	At the roadside Camp.

